



BEER CLEAN Glass Cleaner

| HMIS | | NFPA | Personal protective equipment |
|-------------------------------|---|------|-------------------------------|
| Health | 2 | 2 | None / Aucune / Ninguno |
| Flammability | 0 | 0 | |
| Physical Hazard / Instability | 0 | 0 | |

Version Number: 1

Preparation date: 2014-12-18

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: BEER CLEAN Glass Cleaner

MSDS #: MS0500116
Product Code: 90201, 90221
Recommended use:

- Industrial/Institutional
- Hand dishwash
- This product is intended to be diluted prior to use

Manufacturer, importer, supplier:

| | |
|--|--|
| US Headquarters Diversey, Inc. 8310 16th St. Sturtevant, Wisconsin 53177-1964 Phone: 1-888-352-2249 MSDS Internet Address: www.diversey.com | Canadian Headquarters Diversey, Inc. - Canada 3755 Laird Road Mississauga, Ontario L5L 0B3 Phone: 1-800-668-3131 |
|--|--|

Emergency telephone number: 1-800-851-7145 (U.S.); 1-651-917-6133 (Int'l)

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

CAUTION. CAUSES EYE IRRITATION. MAY BE MILDLY IRRITATING TO SKIN. MAY BE HARMFUL IF SWALLOWED.

Principal routes of exposure: Eye contact. Skin contact. Inhalation.

Eye contact: Moderately irritating to the eyes.

Skin contact: May be mildly irritating to skin.

Inhalation: None known.

Ingestion: May be irritating to mouth, throat and stomach.

3. COMPOSITION/INFORMATION ON INGREDIENTS

| Ingredient(s) | CAS # | Weight % | LD50 Oral - Rat (mg/kg) | LD50 Dermal - Rabbit | LC50 Inhalation - Rat |
|---------------------------------|------------|----------|----------------------------|-------------------------|--------------------------|
| Sodium sesquicarbonate | 533-96-0 | 20 - 30% | 2000 | Not available | Not available |
| Sodium sulfate | 7757-82-6 | 10 - 20% | 10000 | Not available | Not available |
| Tetrasodium salt of EDTA | 64-02-8 | 5 - 10% | 2000 | Not available | Not available |
| Linear alkyl benzene sulfonates | 68081-81-2 | 1 - 5% | 438 | Not available | Not available |

4. FIRST AID MEASURES

Eye contact: Flush immediately with plenty of water. If irritation persists, get medical attention.

Skin contact: Flush immediately with plenty of water. If irritation develops, get medical attention.

Inhalation: No specific first aid measures are required.

Ingestion: If swallowed, give a cupful of water or milk. THEN IMMEDIATELY CONTACT A PHYSICIAN OR POISON CENTER. DO NOT induce vomiting unless directed to do so by medical personnel. Never

Aggravated Medical Conditions: give anything by mouth to an unconscious person.
None known.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: The product is not flammable. Extinguish fire using agent suitable for surrounding fire.
Extinguishing media which must not be used for safety reasons: No information available.
Specific hazards: Not applicable.
Unusual hazards: None known.

Special protective equipment for firefighters: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Not relevant to the product itself.
Environmental precautions and clean-up methods: Clean-up methods - large spillage. Sweep up and shovel into suitable containers for disposal. Use a water rinse for final clean-up.

7. HANDLING AND STORAGE

Handling: Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.
Storage: Protect from freezing. Keep tightly closed in a dry, cool and well-ventilated place. KEEP OUT OF REACH OF CHILDREN.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures to reduce exposure:
No special ventilation requirements General room ventilation is adequate

Personal Protective Equipment

Eye protection: No special requirements under normal use conditions.
Hand protection: No special requirements under normal use conditions.
Skin and body protection: No special requirements under normal use conditions.
Respiratory protection: No special requirements under normal use conditions.
Hygiene measures: Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|--|---|
| Physical State: Powder | Bulk density: No information available |
| Appearance: Powder | Evaporation Rate: No information available |
| Specific gravity: 0.975 | Color: Opaque, White |
| Vapor density: No information available | Odor: No Odor/Odorless |
| Boiling point/range: Not determined | Melting point/range: Not determined |
| Decomposition temperature: Not determined | Autoignition temperature: No information available |
| Solubility: Completely Soluble | Density: 8.13 lbs/gal 0.975 Kg/L |
| Solubility in other solvents: No information available | Flash point: > 200 °F > 93.3 °C |
| Partition coefficient (n-octanol/water): No information available | Viscosity: No information available |
| Elemental Phosphorus: 0 % by wt. | VOC: 0 % * |
| pH: Not applicable | Dilution pH: 9.45 @ 1:768 |
| Explosion limits: - upper: Not determined - lower: Not determined | |

* - Title 17, California Code of Regulations, Division 3, Chapter 1, Subchapter 8.5, Article 2, Consumer Products, Sections 94508

10. STABILITY AND REACTIVITY

Stability: The product is stable
Polymerization: Hazardous polymerization does not occur.
Hazardous decomposition products: None reasonably foreseeable.

11. TOXICOLOGICAL INFORMATION

Acute toxicity: Oral LD50 estimated to be 3000 - 4000 mg/kg; Dermal LD50 estimated to be > 2000 mg/kg
Component Information: See Section 3.

Chronic toxicity: None known

Specific effects

Carcinogenic effects: • None known
Mutagenic effects: None known
Reproductive toxicity: None known
Target organ effects: None known

12. ECOLOGICAL INFORMATION

Environmental Information: No data available.

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products:

This product, as sold, if discarded or disposed, is not a hazardous waste according to Federal regulations (40 CFR 261.4 (b)(4)). Dispose in compliance with all Federal, state, provincial, and local laws and regulations. This product, when diluted as stated on this SDS, is not a hazardous waste according to Federal regulations (40 CFR 261.4 (b)(4)). Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the waste solution meets RCRA criteria for hazardous waste. Dispose in compliance with all Federal, state, provincial, and local laws and regulations.

RCRA Hazard Class (undiluted product): Not Regulated

14. TRANSPORT INFORMATION

DOT/TDG/IMDG: Please refer to the Diversey HazMat Library, only available through Internet Explorer, <http://naextranet.diversey.com/dot/>, for up to date shipping information.

DOT (Ground) Bill of Lading Description: CLEANING, SCOURING, OR WASHING COMPOUNDS, OTHER THAN LIQUID

IMDG (Ocean) Bill of Lading Description: CLEANING, SCOURING, OR WASHING COMPOUNDS, OTHER THAN LIQUID

15. REGULATORY INFORMATION

International Inventories at CAS# Level

All components of this product are listed on the following inventories: U.S.A. (TSCA), Canada (DSL/NDSL).

U.S. Regulations

California Proposition 65: This product is not subject to the reporting requirements under California's Proposition 65.

RIGHT TO KNOW (RTK)

| Ingredient(s) | CAS # | MARTK: | NJRTK: | PARTK: | RIRTK: |
|---------------------------------|------------|--------|--------|--------|--------|
| Sodium citrate | 6132-04-3 | - | - | - | - |
| Sodium sesquicarbonate | 533-96-0 | - | - | - | - |
| Sodium sulfate | 7757-82-6 | X | - | X | - |
| Tetrasodium salt of EDTA | 64-02-8 | - | - | - | - |
| Linear alkyl benzene sulfonates | 68081-81-2 | - | - | - | - |

CERCLA/ SARA

SARA 311/312 Hazard Categories

Immediate: X
Delayed: -
Fire: -
Reactivity: -
Sudden Release of Pressure: -

Canada

WHMIS hazard class: D2B Toxic materials.



16. OTHER INFORMATION

Reason for revision:

Not applicable

Prepared by:

NAPRAC

Additional advice:

- Does not contain an added fragrance
- This product has been classified in accordance with hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations

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